T. Marshan	IIi + a	Coonah Maut	DB	Time stamp
L Number	Hits 2	Search Text z-pin and (de-bulk or debulk)	USPAT;	2004/04/18 17:48
1	2	z-bin and (de-baik of depark)	US-PGPUB	2004/04/10 1/:48
	2		USPAT;	2004/04/18 17:52
2	3	z-pin and (de-bulk\$3 or debulk\$3)	i i	2004/04/18 17.32
			US-PGPUB	2004/04/18 17:52
3	3	peel adj ply with (nonporous or	USPAT;	2004/04/18 17:52
]		non-porous)	US-PGPUB	0004/04/10 10 00
-	332	(156/92).CCLS.	USPAT;	2004/04/18 13:39
			US-PGPUB	
-	90	((156/92).CCLS.) and (cure or curing or	USPAT;	2003/09/24 18:15
		cured or curable)	US-PGPUB	
	17	("2171530"   "4489123"   "4528051"	USPAT	2003/09/24 18:17
,		"4808461"   "4929505"   "5041321"		
		"5186776"   "5310434"   "5376598"		
		"5441682"   "5445861"   "5466506"		
		"5530227"   "5549771"   "5589015"		[
		"5614045"   "5667859").PN.		
_	1	5980665.URPN.	USPAT	2003/09/24 18:19
-	8	("3184353"   "3440117"   "4808461"	USPAT	2003/09/24 18:22
		"5021107"   "5186776"   "5466506"		
		"5589015"   "5667859").PN.		
-	2	5827383.URPN.	USPAT	2003/09/24 18:24
_	8	("3184353"   "3440117"   "4808461"	USPAT	2003/09/24 18:26
.	Ŭ	"5021107"   "5186776"   "5466506"		
		"5589015"   "5667859").PN.		
_	2	5789061.URPN.	USPAT	2003/09/24 18:26
_	2	woven adj pi	USPAT;	2003/09/29 16:30
	2	l movem day pr	US-PGPUB	
_ `	109	  woven adj preform	USPAT;	2003/09/29 16:30
-	109	woven adj preform	US-PGPUB	2003/03/23 10:30
	30	(woven adj preform ) and (leg or slot or	USPAT;	2003/09/29 16:34
-	30	I .	US-PGPUB	2003/03/23 10.34
	1	pi)	USPAT;	2003/09/29 16:52
-	1	("6103337").PN.	US-PGPUB	2003/09/29 10.32
	220	(156/00) 0010	1	2003/09/29 16:52
_	332	(156/92).CCLS.	USPAT;	2003/09/29 16:52
		(1156/00) 0070	US-PGPUB	2003/09/29 16:53
-	58	((156/92).CCLS.) and pin	USPAT;	2003/09/29 16:53
		1//156/00) 0070 ) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	US-PGPUB	2003/09/29 16:53
-	4	(((156/92).CCLS.) and pin) and trimming	USPAT;	2003/09/29 16:53
	_	4821042528	US-PGPUB	2002/00/20 16-55
-	5	("3184353"   "3440117"   "4808461"	USPAT	2003/09/29 16:55
		"5021107"   "5186776").PN.	***************************************	2002/00/00 16 56
-	16		USPAT	2003/09/29 16:56
_	49	peel adj (ply or plies) with (nylon or	USPAT;	2003/09/30 10:16
		woven or elastomer or glass or fiberglass)	US-PGPUB	000040040040
-	27	Z-pin and peel	USPAT;	2003/09/30 10:12
			US-PGPUB	0000/00/00 10 11
-	12	(Z-pin and peel) and trim\$4	USPAT;	2003/09/30 10:11
			US-PGPUB	
-	6575	pin and peel	USPAT;	2003/09/30 10:12
			US-PGPUB	
-	500	pin and peel with (trim\$4 or cut\$4)	USPAT;	2003/09/30 10:13
			US-PGPUB	
-	8	(pin and peel with (trim\$4 or cut\$4)) and	USPAT;	2003/09/30 10:15
		peel adj (plies or ply)	US-PGPUB	
-	11	peel adj (ply or plies) with (rubber)	USPAT;	2003/09/30 10:16
			US-PGPUB	
ļ,	1	"4888228".PN.	USPAT	2003/09/30 10:19
-	0	5879492.URPN.	USPAT	2003/09/30 10:19
-	152	156/92.ccls. and (trim\$4 or cut\$4 or even)	USPAT;	2003/09/30 10:20
1			US-PGPUB	
_	121	156/92.ccls. and (trim\$4 or cut\$4 )	USPAT;	2003/09/30 10:20
	_		US-PGPUB	
-	64	(156/92.ccls. and (trim\$4 or cut\$4 or	USPAT;	2003/09/30 11:05
1		even)) and (pin or peel)	US-PGPUB	
-	20	z-pin	EPO; JPO;	2003/09/30 11:05
	20	- [	DERWENT	1 -355, 55, 55
_	57	peel adj (ply or plies) with (woven or	USPAT;	2004/03/24 14:00
	]	fabric or texture\$1)	US-PGPUB	
_	1	1 1	USPAT;	2004/03/24 14:02
-	1	Joososs, pir. and peer	US-PGPUB	2004/03/24 14.02
	l		TO9-LGLOD	

_	0	6027798.pn. and peel	USPAT; US-PGPUB	2004/03/24 14:03
-	0	6027758.pn. and peel	USPAT; US-PGPUB	2004/03/24 14:02
_	1	6027798.pn.	USPAT; US-PGPUB	2004/03/24 15:02
_	339	(156/92).CCLS.	US-PGPUB US-PGPUB	2004/03/24 15:02
-	58497	pin with (shear\$3 or trim\$4 or flush or cut or cutting)	USPAT; US-PGPUB; EPO; JPO;	2004/04/18 13:40
_	4278	(pin with (shear\$3 or trim\$4 or flush or cut or cutting)) and (composite or laminate)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/18 13:40
_	752	((pin with (shear\$3 or trim\$4 or flush or cut or cutting)) and (composite or laminate)) and (curing or cured or cure)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/18 13:40
	418	<pre>(((pin with (shear\$3 or trim\$4 or flush or cut or cutting)) and (composite or laminate)) and (curing or cured or cure)) and pin with (push\$3 or insert\$3 or</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/18 13:41
_	26	<pre>plac\$3)  ((((pin with (shear\$3 or trim\$4 or flush  or cut or cutting)) and (composite or  laminate)) and (curing or cured or cure)) and pin with (push\$3 or insert\$3 or</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/18 13:44
_	5	plac\$3)) and (z-pin or peel adj ply) z-pin with flush	USPAT; US-PGPUB; EPO; JPO;	2004/04/18 13:46
-	1	z-pin and elastomeric adj spacer	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/18 13:46
_	11	z-pin and spacer	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/18 15:06
_	2	5863635.pn. and foam	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/18 15:18
_	37	z-pin and foam	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/18 15:20
-	36	(z-pin and foam) and cur\$3	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/18 15:19
-	29	z-pin same foam	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/18 15:23
_	1	("4808461").PN.	DERWENT USPAT;	2004/04/18 15:26
_	1	bleeder with nonporous	US-PGPUB USPAT; US-PGPUB	2004/04/18 15:26
_	7	bleeder with non-porous	USPAT; US-PGPUB	2004/04/18 15:28
_	1	("5186776").PN.	USPAT; US-PGPUB	2004/04/18 15:39
-	10	("4442584"   "4489123"   "4733453"   "4808461"   "4926533"   "5041321"   "5186776"   "5376598"   "5441682"   "5445861").PN.	USPAT	2004/04/18 15:38
_	2	5832594.URPN.	USPAT	2004/04/18 15:38

_	9783	z with (fiber or pin) not z-pin	USPAT;	2004/04/18 15:40
		a wasa (aasaa sa pan, mee a pa	US-PGPUB	
-	793	z with (fiber or pin) with (insert\$2 or	USPAT;	2004/04/18 15:59
		plac\$3 or push\$3)	US-PGPUB	
_	75	(z with (fiber or pin) with ( insert\$2 or	USPAT;	2004/04/18 15:41
		plac\$3 or push\$3)) and foam	US-PGPUB	
-	43	((z with (fiber or pin) with (insert\$2 or	USPAT;	2004/04/18 15:40
		plac\$3 or push\$3)) and foam) not z-pin	US-PGPUB	
-	123	(z with (fiber or pin) with ( insert\$2 or	USPAT;	2004/04/18 15:41
		plac\$3 or push\$3)) and (cure or curing or	US-PGPUB	
		cured)		
-	88	((z with (fiber or pin) with ( insert\$2 or	USPAT;	2004/04/18 15:41
		plac\$3 or push\$3)) and (cure or curing or	US-PGPUB	
		cured)) not z-pin		
-	216	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	EPO; JPO;	2004/04/18 15:59
		plac\$3 or push\$3)	DERWENT	
-	6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EPO; JPO;	2004/04/18 15:59
		plac\$3 or push\$3)) and (cure or cured or	DERWENT	
		curing)		